

REPLACEMENT SHEET

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a		Volume at FE (2-stroke) ou FA (4-stroke)
b		Intake pressure P2
c	* * * *	Volume of cooled air Vc delivered by the compressors
d	••••	Volume of cooled air retained in the cylinder
e	00000	Mass of fresh air retained in the cylinder

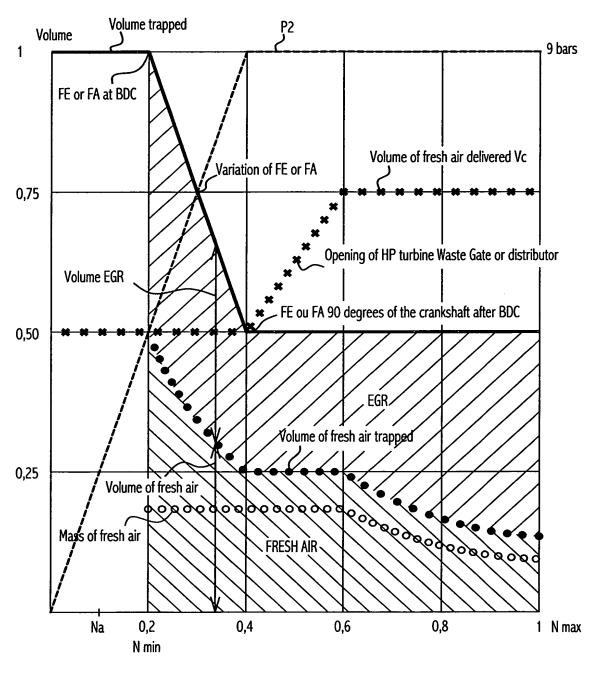
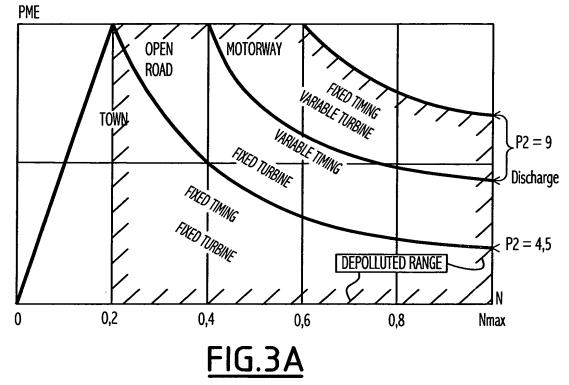


FIG.2

REPLACEMENT SHEET

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SERIES CONFIGURATION-VARIABLE TIMING OF THE VALVES



SERIES / PARALLEL CONFIGURATION - FIXED TIMING OF THE VALVES

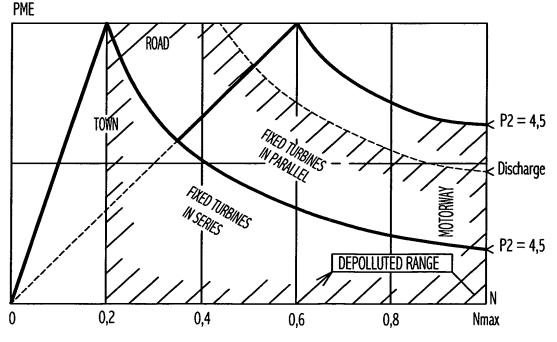
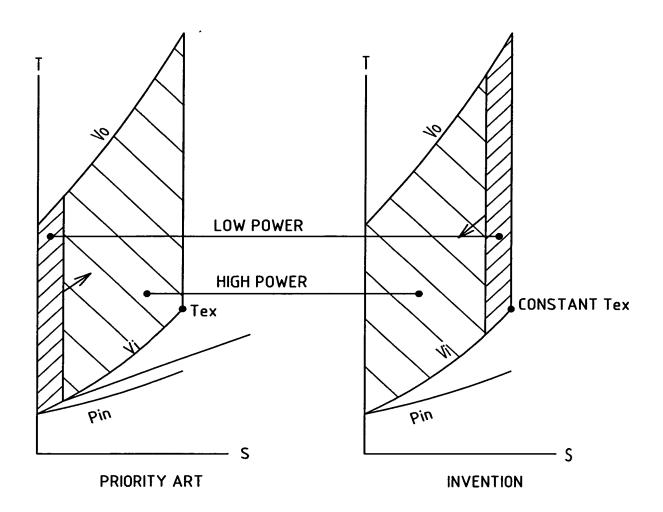


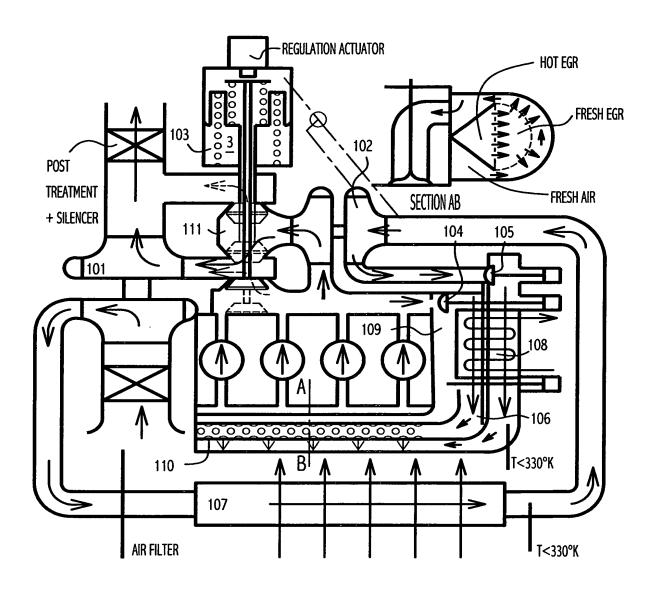
FIG.3B



TEMPERATURE / ENTROPY DIAGRAM

FIG.4

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101.HP TURBOCHARGER

102.LP TURBOCHARGER

103. HP/LP DOUBLE WASTE GATE WITH ELECTRIC CONTROL AND PNEUMATIC ROCKING

104. CONTROLLED EGR VALVE

105. CONTROLLED INTAKE VALVE

106. CONTROLLED EGR COOLABT BYPASS GUILLOTINE

107. LP AIR/AIR COOLANT

108. HP AIR/WATER EGR COOLANT

109. GAS/WATER EGR COOLANT

110. MIXER OF HOT EGR/COLD EGR/FRESH AIR

111. HP TURBINE OUTLET CONDUIT

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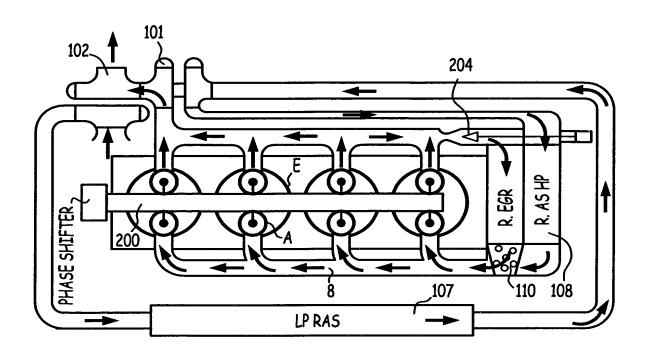


FIG.6

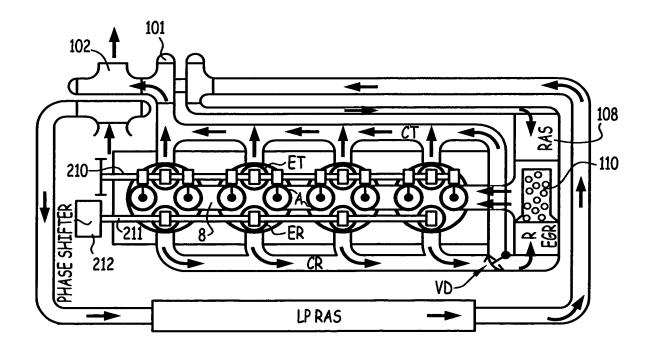
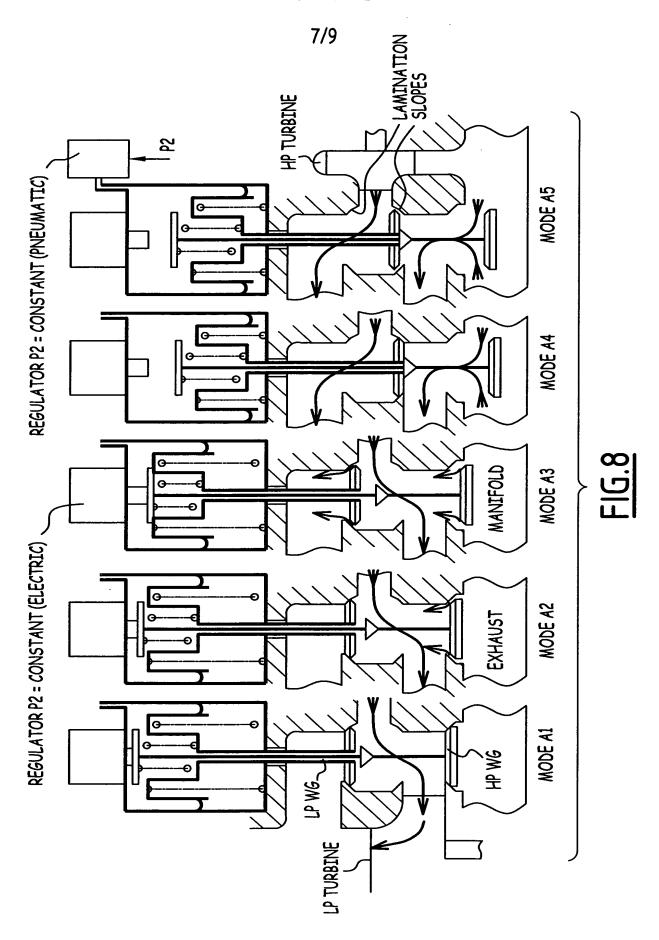
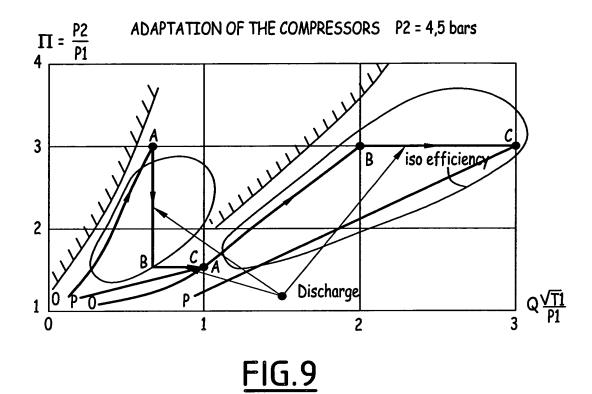


FIG.7





ADAPTATION OF THE COMPRESSORS P2 = 9 bars

ADAPTATION OF THE COMPRESSORS P2 = 9 bars

B iso efficiency

Discharge

FIG. 10

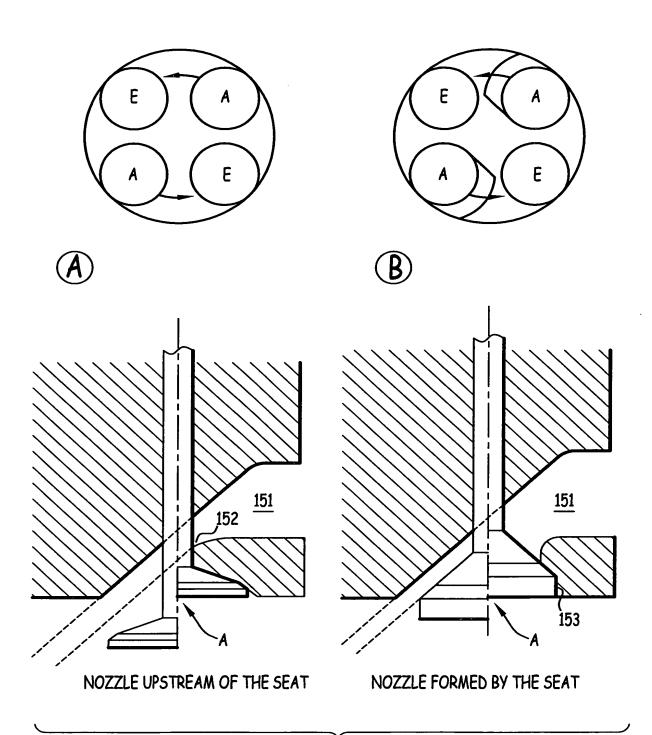


FIG.11